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June 7, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

**PCT/JP2004/018339**

**-filed December 2, 2004**

Re: Application of Naoka KIDA; Toshimasa UEMURA; Junzo TANAKA; Yoshimi OYABU  
METHOD FOR THREE-DIMENSIONAL CARTILAGE TISSUE  
ENGINEERING USING BONE MARROW CELLS IN TISSUE  
ENGINEERING BONE MARROW CELLS IN SIMULATED  
MICROGRAVITY ENVIRONMENT  
**Assignees: (1) JAPAN SCIENCE AND TECHNOLOGY AGENCY,  
(2) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE  
AND TECHNOLOGY, (3) NATIONAL INSTITUTE FOR MATERIALS  
SCIENCE**  
Our Ref: Q95279

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application. Also enclosed is the first page of WO 2005/056072 A1.
- ☒ 13 sheet(s) of drawings.
- ☒ a Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§ 1.821- 1.825 with 5 pages of Sequence Listings & Disk.
- ☒ a Petition for Acceptance of Color Photographs Under 37 C.F.R. § 1.84 (in duplicate with \$130.00 check & copies of Figs. 1-4, 9 and 11-13.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a copy of the ISR and Written Opinion.



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- ☒ a copy the Notification Concerning Submission or Transmittal of Priority Document.
- ☒ Information Disclosure Statement with PTO/SB/08 A & B (modified) listing the ISR/IPER references as well as 5 additional references.
- ☒ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

The Government filing fee is calculated, **after entry of the Preliminary Amendment** as follows:

Total claims	<u>9</u>	-	<u>20</u>	=	<u>          </u>	x	\$50.00	=	<u>      \$0.00</u>
Independent claims	<u>1</u>	-	<u>3</u>	=	<u>          </u>	x	\$200.00	=	<u>      \$0.00</u>
Base Fee									<u>     \$300.00</u>
Search Fee									<u>     \$400.00</u>
Examination Fee									<u>     \$200.00</u>
<b>TOTAL FILING FEE</b>									<u>     \$900.00</u>
<b>Recordation of Assignment</b>									<u>     \$ 40.00</u>
<b><u>TOTAL FEE</u></b>									<u>     \$940.00</u>

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

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Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-413758	December 11, 2003
Japan	2004-096686	March 29, 2004

Respectfully submitted,

  
John T. Callahan  
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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: June 7, 2006